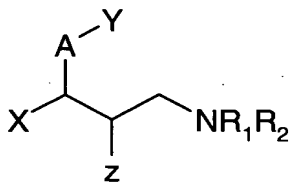
Amendments to the Claims

1. (original) A compound of formula I:



I

wherein

A is selected from -O- and -S-;

X is selected from C_2-C_8 alkyl, C_2-C_8 alkenyl, C_3-C_8 cycloalkyl and C_4-C_8 cycloalkylalkyl, each of which may be optionally substituted with up to 3 substituents each independently selected from halo, C_1-C_4 alkyl, C_1-C_4 alkoxy, C_1-C_4 alkyl-$S(O)_n$- where n is 0, 1 or 2, $-CF_3$, -CN and $-CONH_2$;

Y is selected from phenyl, naphthyl, dihydrobenzothienyl, benzothiazolyl, benzoisothiazolyl, quinolyl, isoquinolyl, naphthyridyl, thienopyridyl, indanyl, 1,3-benzodioxolyl, benzothienyl, indolyl and benzofuranyl, each of which may be optionally substituted with up to 4 or, where possible, 5 substituents each independently selected from halo, C_1-C_4 alkyl, C_1-C_4 alkoxy, C_1-C_4 alkyl-$S(O)_n$- where n is 0, 1 or 2, nitro, acetyl, $-CF_3$, $-SCF_3$ and cyano; and when Y is indolyl it may be substituted or further substituted by an N-substituent selected from C_1-C_4 alkyl;

Z is selected from H, OR_3 or F, wherein R_3 is selected from H, C_1-C_6 alkyl and phenyl C_1-C_6 alkyl;

R_1 and R_2 are each independently H or C_1-C_4 alkyl;

with the proviso that, when Z is H, then Y may not be optionally substituted phenyl or optionally substituted naphthyl.

and pharmaceutically acceptable salts thereof.

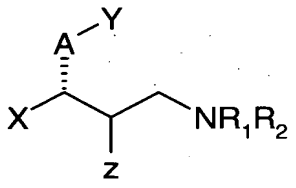
2. (original) A compound as claimed in claim 1, wherein A is -O-.

3. (original) A compound as claimed in claim 1, wherein A is -S-.

4. (original) A compound as claimed in any one of the preceding claims, wherein one of R_1 and R_2 is H.

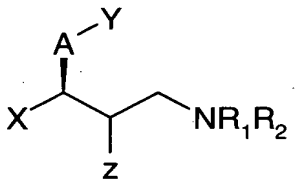
5. (currently amended) A compound as claimed in ~~any one of the preceding claims~~ claim 2, wherein one of R_1 and R_2 is H and the other is methyl.

6. (currently amended) A compound as claimed in ~~any one of the preceding claims~~ claim 1, wherein the compound possesses the stereochemistry defined in formula II



II

7. (currently amended) A compound as claimed in ~~any one of claims 1—5~~ claim 1, wherein the compound possesses the stereochemistry defined in formula III



III

8. (currently amended) A compound as claimed in ~~any one of the preceding claims~~ claim 5 wherein Z is H.

9. (currently amended) A compound as claimed in ~~any one of the preceding claims~~ claim 5, wherein X is C_2-C_8 alkyl which may be optionally substituted with up to 3 substituents each independently selected from halo, C_1-C_4 alkyl, C_1-C_4 alkoxy, C_1-C_4 alkyl-$S(O)_n$- where n is 0, 1 or 2, -CF_3, -CN and -$CONH_2$.

10. (original) A compound as claimed in claim 9 wherein X is selected from ethyl, n-propyl, i-propyl, n-butyl, i-butyl, n-pentyl, i-pentyl, neopentyl, 3,3-dimethylbutyl and 2-ethylbutyl, each of which may be optionally substituted with up to 3 substituents each independently selected from halo, C_1-C_4 alkyl, C_1-C_4 alkoxy and -CF_3.

11. (original) A compound as claimed in claim 10 wherein X is selected from n-propyl, i-propyl, n-butyl and i-butyl.

12. (currently amended) A compound as claimed in ~~any one of claims 1 to~~ claim 8, wherein X is C_2-C_8 alkenyl which may be optionally substituted with up to 3 substituents each independently selected from halo, C_1-C_4 alkyl, C_1-C_4 alkoxy, C_1-C_4 alkyl-$S(O)_n$- where n is 0, 1 or 2, -CF_3, -CN and -$CONH_2$.

13. (original) A compound as claimed in claim 12 wherein X is 2-methyl-2-propenyl.

14. (currently amended) A compound as claimed in ~~any one of claims 1 to~~ claim 8, wherein X is C_4-C_8 cycloalkylalkyl which may be optionally substituted with up to 3 substituents each independently selected from halo, C_1-C_4 alkyl, C_1-C_4 alkoxy, C_1-C_4 alkyl-$S(O)_n$- where n is 0, 1 or 2, -CF_3, -CN and -$CONH_2$.

15. (original) A compound as claimed in claim 14 wherein X is selected from cyclohexylmethyl and cyclopropylmethyl.

16. (currently amended) A compound as claimed in ~~any one of the preceding claims~~ claim 5, wherein Y is phenyl optionally substituted with up to 5 substituents each independently selected from halo, C_1-C_4 alkyl, C_1-C_4 alkoxy, C_1-C_4 alkyl-S-, -CF_3, and -SCF_3.

17. (original) A compound as claimed in claim 16, wherein Y is phenyl optionally substituted with up to 2 substituents each independently selected from F, Cl, Br, I, Me, Et, OMe, SMe, -CF_3, and -SCF_3.

18. (currently amended) A compound as claimed in ~~any one of claims 1-15~~ claim 5, wherein Y is naphthyl optionally substituted with up to 5 substituents each independently selected from halo, C_1-C_4 alkyl, C_1-C_4 alkoxy, C_1-C_4 alkyl-$S(O)_n$- where n is 0, 1 or 2, nitro, acetyl, -CF_3, -SCF_3 and cyano.

19. (original) A compound as claimed in claim 18, wherein Y is unsubstituted naphthyl or naphthyl which is mono-substituted with a substituent selected from halo, C_1-C_4 alkyl and -CF_3.

20. (original) A compound as claimed in claim 19 wherein the substituent is located at the 4-position of the naphthyl ring.

21. (currently amended) A compound as claimed in ~~any one of claims 18-20~~ claim 20, wherein the point of attachment of the optionally substituted naphthyl group to the –O- or –S- atom is attachment at the 1 position.

22. (currently amended) A compound as claimed in ~~any one of the claims 1-15~~ claim 8, wherein Y is benzofuranyl, benzothiazolyl, benzoisothiazolyl or indolyl each of which may be optionally substituted with up to 4 or, where possible, 5 substituents each independently selected from halo, C_1-C_4 alkyl, C_1-C_4 alkoxy, C_1-C_4 alkyl-

$S(O)_n$- where n is 0, 1 or 2, nitro, acetyl, $-CF_3$, $-SCF_3$ and cyano; and when Y is indolyl it may be substituted or further substituted by an N-substituent selected from C_1-C_4 alkyl.

23. (original) A compound as claimed in claim 22, wherein Y is benzofuranyl, benzoisothiazolyl or indolyl each of which may be optionally mono-substituted with Me; and when Y is indolyl it may be substituted or further substituted by an N-methyl substituent.

24. (currently amended) A compound as claimed in ~~any one of claims 22~~ claim 23, wherein the point of attachment of the group Y to the –O- or –S- atom is attachment at the 7 position.

25. (currently amended) A compound as claimed in ~~any one of claims 22~~ claim 23, wherein the point of attachment of the group Y to the –O- or –S- atom is attachment at the 4 position.

26. (currently amended) A compound as claimed in ~~any one of the claims 1-15~~ claim 8, wherein Y is benzothienyl optionally substituted with up to 5 substituents each independently selected from halo, C_1-C_4 alkyl, C_1-C_4 alkoxy, C_1-C_4 alkyl-$S(O)_n$- where n is 0, 1 or 2, nitro, acetyl, $-CF_3$, $-SCF_3$ and cyano.

27. (original) A compound as claimed in claim 26, wherein Y is benzothienyl optionally substituted with up to 2 substituents each independently selected from halo, C_1-C_4 alkyl, $-CF_3$ and cyano.

28. (currently amended) A compound as claimed in ~~any one of claims 26~~ claim 27, wherein the point of attachment of the group Y to the –O- or –S- atom is attachment at the 7 position.

29. (currently amended) A compound as claimed in ~~any one of claims 26~~ claim 27, wherein the point of attachment of the group Y to the –O- or –S- atom is attachment at the 4 position.

30. (currently amended) A compound as claimed in ~~any one of claims 26~~ claim 27, wherein the point of attachment of the group Y to the –O- or –S- atom is attachment at the 5 position.

31. (currently amended) A compound as claimed in ~~any one of claims 26~~ claim 27, wherein the point of attachment of the group Y to the –O- or –S- atom is attachment at the 6 position.

32. (currently amended) A compound as claimed in ~~any one of the claims 1-15~~ claim 8, wherein Y is quinolyl or isoquinolyl each of which may be optionally substituted with up to 5 substituents each independently selected from halo, C_1-C_4 alkyl, C_1-C_4 alkoxy, C_1-C_4 alkyl-$S(O)_n$- where n is 0, 1 or 2, nitro, acetyl, -CF_3, -SCF_3 and cyano.

33. (original) A compound as claimed in claim 32, wherein Y is quinolyl or isoquinolyl each of which may be optionally mono-substituted with a halogen atom.

34. (currently amended) A compound as claimed in claim ~~32 or~~ 33, wherein the point of attachment of the group Y to the –O- or –S- atom is attachment at the 8 position.

35. (currently amended) A compound as claimed in claim ~~32 or~~ 33, wherein the point of attachment of the group Y to the –O- or –S- atom is attachment at the 5 position.

36. (currently amended) A compound as claimed in ~~any one of the claims 1-15~~ claim 8, wherein Y is thienopyridyl which may be optionally substituted with up to 4

substituents each independently selected from halo, C_1-C_4 alkyl, C_1-C_4 alkoxy, C_1-C_4 alkyl-$S(O)_n$- where n is 0, 1 or 2, nitro, acetyl, -CF_3, -SCF_3 and cyano.

37. (original) A compound as claimed in claim 36, wherein Y is unsubstituted thieno-[2,3-b]pyridyl or unsubstituted thieno-[2,3-c]pyridyl.

38. (currently amended) A compound as claimed in claim ~~36 or~~ 37, wherein the point of attachment of the group Y to the –O- or –S- atom is attachment at the 7 position.

39. (currently amended) A pharmaceutical composition comprising a compound of formula I or a pharmaceutically acceptable salt thereof, as defined in ~~any one of claims 1-38~~ claim 1, together with a pharmaceutically acceptable diluent or carrier.

40. – 49. (cancelled)

50. (currently amended) A method for treating disorders associated with serotonin and norepinephrine dysfunction in mammals, comprising administering to a patient in need thereof an effective amount of a compound of formula I or a pharmaceutically acceptable salt thereof, as defined in ~~any one of claims 1-38~~ claim 1.

51. (original) A method as claimed in claim 50, wherein the disorder is selected from depression, OCD, anxiety, memory loss, urinary incontinence, conduct disorders, ADHD, obesity, alcoholism, smoking cessation, hot flashes/flushes and pain.

52. (original) A method as claimed in claim 51, wherein the disorder is pain.